

CVP ANALYSIS OF NEED FOR M&I WATER							
(December 11, 2000)							
Div	DISTRICT	Contract Number	Contract Maximum	Current M&I Need		2025 Projection of M&I needs	
				Rate Books <sup>1</sup>	Needs Assess	Rate Books <sup>1</sup>	Needs Assess <sup>2</sup>
AMERICAN RIVER REGION			(acre-feet)	(acre-feet)	(acre-feet)	(acre-feet)	(acre-feet)
	El Dorado ID (Folsom D&R)	1357A	7,500	7,845	21,000	7,500	27,550
	El Dorado ID (Sly Park)	949IR3	23,000	4,534	Inc. above	18,000	Inc. above
	El Dorado ID (Lake Hills)	7312IR2	50		Inc. above		Inc. above
	Roseville, City of	3474A	32,000	18,603	19,800	32,000	24,900 <sup>3</sup>
	Sacramento County WA	W1372	22,000	0	0	0	52,000 <sup>4</sup>
	San Juan WD	152AIR3	11,200	4,245	5,083	10,080	24,200
	San Juan WD	W1373	13,000		Inc. above		Inc. above
	East Bay MUD	5183A	150,000	46,250	0	150,000	<sup>3</sup>
	Sacramento MUD	5198A	60,000	1,727	2,959	60,000	15,918
	Foresthill PUD <sup>5</sup>	3684A	2,800	953 <sup>5</sup>	723	2500 <sup>5</sup>	2,392
	Placer County WA <sup>6 &amp; 7</sup>	5082A	35,000	0	0	0	0
	Subtotal					280,000	146,960
CROSS VALLEY							
	Fresno, County of	8292AIR3	3,000	0	500	600	3,000
	Tulare, County of	8293AIR3	5,308	0	0	1,345	795
						1,945	3,795
DELTA							
	Avenal, City of	4619A	3,500	1,907	2,432	3,500	3,500
	Broadview WD	8092IR3	27,000	22	0	20	20
	Coalinga, City of	4173A	10,000	4,532	3,995	10,000	8,455
	Contra Costa WD (Sch a,b,&c)	3401A	195,000	134,903	131,800	194,000	195,000
	Del Puerto WD	922IR5	140,210	9	0	200	0 <sup>8</sup>
	Huron, City of	7081A	3,000	1,309	982	3,000	2,060 <sup>9</sup>
	Pacheco WD	W0469	10,080	12	0	80	12
	Panoche WD (DMC & SLC)	7864A	94,000	52	42	95	48
	Patterson ID	3598AIR3	16,500	0	0	0	1,000
	Plain View WD	785IR5	20,600	414	0	420	0 <sup>10</sup>
	San Luis WD (DMC & SLC)	7773A	125,080	575	1,000	578	2,000
	Tracy, City of	7858A	10,000	7,243	7,294	10,000	29,500 <sup>11</sup>
	Westlands WD	106E/495A	1,150,000	6,120	5,420	11,000	4,938
						232,893	246,533
EAST							
	Central San Joaquin WCD <sup>6</sup>	W0330	80,000				
	Stockton East WD <sup>12</sup>	W0329	75,000	0	75,000	0	75,000 <sup>13</sup>
						0	75,000
SACRAMENTO RIVER REGION							
	Bella Vista WD	851AIR4	24,000	6,674	7,000	7,000	15,082
	Clear Creek CSD	489AIR4	15,300	2,329	2,133	10,300	3,638
	Colusa, County of	W0348	40	70	0	40	0 <sup>8</sup>
	Colusa County WD <sup>14</sup>	304AIR3	62,200		0		0 <sup>8</sup>
	Dunnigan WD <sup>6</sup>	399AIR3	19,000		0		0 <sup>8</sup>
	Whitney Construction	5749A	25	0	0	25	25
	Mountain Gate CSD	6998	350	290	330	350	350
	Redding, City of (Buckeye)	5272A	6,140	50	3,432	5,530	6,089
	Shasta Lake, City of	W1134IR5	2,750	2,416	2,570	2,750	2,750
	Shasta CSD	862A	1,000	528	735	1,000	1,000
	Shasta County - Keswick #25	1307A	500	160	168	450	500
	Shasta County WA	3367A	5,000	1,048	3,267	4,700	5,000
	U.S. Forest Service (Redding)	3621A	45	13	10	10	10
						32,155	34,444
SAN FELIPE							
	San Benito County (In & out of basin)	W0130	43,800	529	7,541	8,250	14,539 <sup>13</sup>
	Santa Clara Valley WD (In & out of basin)	W0023	152,500	81,313	88,000	130,000	135,000 <sup>13</sup>
						138,250	149,539
Total						685,323	656,246

<sup>1</sup> 1994 actuals and projected M&I water use as of September 1994 are provided in the 1996 Municipal and Industrial Water Rates book, Schedule A-12.

<sup>2</sup> M&I CVP water need projections for a normal hydrologic year are capped by maximum contract amount unless a transfer is identified.

<sup>3</sup> Less than full normal year need for maximum contract amount, but full dry year need.

<sup>4</sup> Need for CVP water equals maximum contract amount plus 30,000 acre-feet transferred from SMUD.

<sup>5</sup> Foresthill PUD has been taking M&I water since 1981 and was inadvertently left out of the 1996 M&I rate book. 1994 actuals and 2025 projection is based on information contained in 1997's M&I rate book.

<sup>6</sup> District indicated need for CVP water is to meet agricultural demands.

<sup>7</sup> Contract maximum of 35,000 acre-feet through 2011 is per amendment to contract. Original contract maximum of 117,000 acre-feet is in dispute due to non-construction of Auburn Dam.

<sup>8</sup> No urban needs were identified in the water needs assessments; however, detailed urban water needs assessments were not performed for M&I quantities of less than 2,000 acre feet.

<sup>9</sup> Preliminary number; final CVP M&I need may equal full contract amount.

<sup>10</sup> 9,500 acre-feet transfer to City of Tracy.

<sup>11</sup> Maximum contract amount and transfers of 5,000 acre-feet (Banta Carbona), 9,500 acre-feet (Plain View), and 5,000 acre-feet (The Westside).

<sup>12</sup> Stockton East is an interim supply contractor.

<sup>13</sup> Preliminary estimate.

<sup>14</sup> Colusa County WD's first recorded M&I delivery was in 1997.